

| Application/Control No. | Applicant(s)/Patent under Reexamination | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|
| 09/832,066 | O'NEIL, JOSEPH THOMAS | | | | | | | |
| Examiner | Art Unit | | | | | | | |
| Sharad Ramauria | 2692 | | | | | | | |

| | | | | | IS | SUE C | LASSIF | ICATIO | N | | | | | | | |
|---|------------|---|---|----------|---|--------------------|-----------|----------------------|------------------------------|--------------------|--|--|--|--|--|--|
| ORIGINAL | | | | | | CROSS REFERENCE(S) | | | | | | | | | | |
| | CLASS SUBG | | | SUBCLASS | CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | | | | | | |
| 455 | | | | 569.2 | 455 | 456.1 | | | | | | | | | | |
| INTERNATIONAL CLASSIFICATION | | | | | 342 | 357.1 | 357.6 | 357.13 | | | | | | | | |
| Н | 0 | 4 | В | 1/38 | 340 | 539.13 | 425.5 | | | | | | | | | |
| | | | | 1 | 701 | 213 | | | | | | | | | | |
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| Shangal Ranfuria 6/15/5 (Assistant Examiner) (Date) (Legal Instruments Examiner) (Date) | | | | | | M | WILLIAM T | TROST | Total Claims Allowed: 33 | | | | | | | |
| | | | | | | SUPERVI | SORY PATI | ENT EXAMINENTER 2600 | O.G. Print Claim(s) 41 | O.G. Print Fig. | | | | | | |

| Claims renumbered in the same order as presented by applicant | | | | | | | | | | ☐ CPA | | | ☐ T.D. | | | ☐ R.1.47 | | | |
|---|----------|---|-------|----------|---|-------|----------|---|-------|----------|--|-------|----------|-------------|-------|----------|--|-------|----------|
| Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original | | Final | Original |
| -0 | 1 | | 4 | 31 | | 26 | 61 | | | 91 | | | 121 | | | 151 | | | 181 |
| -0 | 2 | | 5 | 32 | | 27 | 62 | | | 92 | | | 122 | | | 152 | | | 182 |
| -0 | 3 | | 6 | 33 | | 28 | 63 | | | 93 | | | 123 | | | 153 | | | 183 |
| -0 | 4 | | 7 | 34 | | 29 | 64 | | | 94 | | | 124 | | | 154 | | | 184 |
| -0 | 5 | | 8 | 35 | | 30 | 65 | | | 95 | | | 125 | | | 155 | | | 185 |
| -0 | 6 | | 9 | 36 | | 31 | 66 | | | 96 | | | 126 | | | 156 | | | 186 |
| -0 | 7 | | -0 | 37 | | 32 | 67 | | | 97 | | | 127 | | | 157 | | | 187 |
| -0 | 8 | | -0 | 38 | | 33 | 68 | | | 98 | | | 128 | | | 158 | | | 188 |
| -0 | 9 | | -0 | 39 | | | 69 | | | 99 | | | 129 | | | 159 | | | 189 |
| -0 | 10 | | -0 | 40 | | | 70 | | | 100 | | | 130 | | | 160 | | | 190 |
| -0 | 11 | | 10 | 41 | | | 71 | | | 101 | | | 131 | | | 161 | | | 191 |
| -0 | 12 | | 11 | 42 | | | 72 | | | 102 | | | 132 | | | 162 | | | 192 |
| -0 | 13 | | 12 | 43 | | | 73 | 1 | | 103 | | | 133 | | | 163 | | | 193 |
| -0 | 14 | | 13 | 44 | | | 74 | | | 104 | | | 134 | | | 164 | | | 194 |
| -0 | 15 | | 14 | 45 | | | 75 | | | 105 | | | 135 | | | 165 | | | 195 |
| -0 | 16 | | 15 | 46 | | | 76 | | | 106 | | | 136 | | | 166 | | | 196 |
| -0 | 17 | | 16 | 47 | | | 77 | | | 107 | | | 137 | | | 167 | | | 197 |
| -0 | 18 | | -0 | 48 | | | 78 | | | 108 | | | 138 | | | 168 | | | 198 |
| -0 | 19 | | -0 | 49 | | | 79 | | | 109 | | | 139 | | | 169 | | | 199 |
| -0 | 20 | | -0 | 50 | | | 80 | | | 110 | | | 140 | | | 170 | | _ | 200 |
| -0 | 21 | | -0 | 51 | | | 81 | | | 111 | | | 141 | | | 171 | | | 201 |
| -0 | 22 | | 17 | 52 | | | 82 | | | 112 | | | 142 | | | 172 | | | 202 |
| -0 | 23 | | 18 | 53 | | | 83 | | | 113 | | | 143 | | | 173 | | | 203 |
| -0 | 24 | | 19 | 54 | | | 84 | | | 114 | | | 144 | | | 174 | | | 204 |
| -0 | 25 | 1 | 20 | 55 | 1 | | 85 | 1 | | 115 | | | 145 | l:::::::::: | | 175 | | | 205 |
| -0 | 26 | 1 | 21 | 56 |]:::::::::::::::::::::::::::::::::::::: | | 86 |] | | 116 | | | 146 | | | 176 | | | 206 |
| -0 | 27 |] | 22 | 57 |]:::::::::::::::::::::::::::::::::::::: | | 87 | 1 | | 117 | | | 147 | | | 177 | | | 207 |
| 1 | 28 | 1 | 23 | 58 |] | | 88 | 1 | | 118 | | | 148 | | | 178 | | | 208 |
| 2 | 29 | 1 | 24 | 59 | | | 89 | 1 | | 119 | | | 149 | | | 179 | | | 209 |
| 3 | 30 | | 25 | 60 | | | 90 | | | 120 | | | 150 | | | 180 | | | 210 |